

Name _____ Period _____ Date _____

Activity Guide - RGB Colors



RGB Colors

All colors, whether they have names or not, can be described by the level of red, green, and blue light it takes to make them. This is called an RGB value (short for Red-Green-Blue).

Bubble 2: Color Matching

Click “Run” start the widget on Code Studio and try out different RGB values and see what colors they make. The sliders adjust the levels of red, green, and blue, and the mixer shows you how they combine to make different colors.

For each of the five colors on the screen, match it to the CSS code that will make that color on your web page.

- | | | |
|------------------------|--|---------------------|
| 1. Papaya Whip (beige) | | A) rgb(216,191,216) |
| 2. Salmon (orange) | | B) rgb(255,239,213) |
| 3. Steel Blue | | C) rgb(250,128,114) |
| 4. Thistle (violet) | | D) rgb(70,130,180) |
| 5. Drab Olive (green) | | E) rgb(107,142,35) |

Bubbles 3-5: Seasonal Colors

Choose the red, green, and blue levels for your seasonal colors, then write the CSS code that will make them on your web page.

(Student responses will vary in this table)

Season	red	green	blue	CSS code
Winter	195	230	255	rgb(195, 230, 255)
Summer	255	230	100	rgb(255, 230, 100)
Spring	195	255	189	rgb(195, 255, 189)
Autumn	255	180	74	rgb(255, 180, 74)